

## **ESF # 3 – Public Works and Engineering**

<b>ESF #3 Coordinator:</b>	Kansas Department of Transportation
<b>Primary Agency:</b>	Kansas Department of Transportation The Adjutant General's Department, Kansas Division of Emergency Management
<b>Support Agencies:</b>	The Adjutant General's Department, Kansas National Guard Kansas Corporation Commission Kansas Department of Health and Environment, Division of Environment Kansas Department of Labor Kansas Department of Agriculture

### **Purpose**

Emergency Support Function (ESF) #3 – Public Works and Engineering assist the Administrator of Kansas Division of Emergency Management (KDEM) by coordinating and organizing the capabilities of the State to facilitate the delivery of technical assistance, engineering expertise, construction management, and other support to prevent, prepare for, respond to, and/or recover from a man-made or naturally occurring disaster/emergency.

### **Scope**

ESF #3 is structured to provide public works and engineering-related support for the changing requirements of domestic incident management to include preparedness, prevention, response, recovery, and mitigation within the abilities and resources of the State. Activities within the scope of this function include conducting pre-and post-incident assessments of public works and infrastructure; executing emergency contract support for life-saving and life-sustaining services; providing technical assistance to include engineering expertise, construction management, and contracting, and managing the Public Assistance and other recovery programs.

### **Policies**

Local governments are responsible for their own public works and infrastructure and have the primary responsibility for incident prevention, preparedness, response, and recovery.

The private sector is responsible for a large proportion of the State's infrastructure and participates in ESF #3 incident action planning and other planning activities as appropriate.

The private sector is a partner and/or lead for the rapid restoration of infrastructure related services.

Appropriate private sector entities are integrated into the planning and decision making processes as necessary.

When activated to respond to an incident, the primary agencies for ESF #3 will accomplish or coordinate one or more of the following actions:

- Debris clearance from transportation infrastructure;
- Closure or repair of damaged segments of the transportation infrastructure;
- Develop and initiate emergency collection, sorting, and disposal routes and sites for debris clearance from public and private property;
- Provide personnel for field operation's teams and facilities;
- Provide technical assistance to the Kansas Emergency Response Team (KERT) with respect to flooding, water management, structure integrity assessments, and impact assessments of infrastructure;
- Develop and file situation reports with ESF #5 - Emergency Management;
- Meet public works and engineering resource requests through available or obtainable resources of support agencies, including resources that are available through mutual aid agreements, compacts, and/or the Federal Emergency Management Agency (FEMA); and
- Evaluate damage to infrastructure in the threatened and/or impacted area and, as appropriate, task personnel for response and recovery work.

## Concept of Operations

### General

The Kansas Department of Transportation (KDOT) is designated as the coordinator for ESF #3. As ESF coordinator, KDOT and KDEM coordinates meetings, plans, exercises, training, and other activities with, the private sector, and the ESF #3 support agencies

Close coordination is maintained with these agencies, local and federal officials to determine potential needs for support and the most expeditious means of acquiring that support.

## **Organization**

KDOT and KDEM are the primary agencies for providing ESF #3 technical assistance, engineering, and construction management resources and support during response activities.

During an emergency or disaster, the primary and support agencies of ESF #3 will assign personnel to the State Emergency Operations Center (SEOC). ESF #3 will respond directly to the Infrastructure Branch Chief who reports to the Operations Section Chief.

## **Notifications**

- KDEM will notify the ESF #3 agencies when an area of Kansas is threatened or has been impacted by an emergency or disaster event;
- The designated agencies notified will report to the SEOC if so advised or requested by the KDEM; and
- The agencies designated to report to the SEOC will notify their agency personnel of the impending or actual event.

## **Actions**

Once activated in the SEOC, ESF #3 team members on duty will accomplish one or more preparedness, response, recovery, and mitigation actions. The following is a list of those actions:

- **Preparedness**
  - Assign and schedule sufficient personnel to cover an activation of the SEOC for an extended period of time;
  - Review each support agency's automated or manual listings of emergency contacts;
  - Make contact with ESF #3 counterparts in the threatened or impacted county(s) according to established procedures;
  - Evaluate and task public works and engineering support requests;
  - Plan and prepare the notification systems to support an emergency/disaster response. The systems should address evacuation orders (voluntary or compel), local emergency declarations (to include the impacts of local actions on the ingress into and impacted area) by public works and engineering personnel, equipment, and supplies;
  - Generate in a timely manner, information to be included in the SEOC briefings, situation reports, and/or action plans;
  - Maintain appropriate records for time worked and costs incurred by ESF #3 agencies during an emergency/disaster event; and
  - Evaluate the probability and time period of the response and/or recovery phases for the event.

- **Response**
  - Evaluate and task the public works and engineering support requests for the threatened and/or impacted area;
  - Plan and prepare the notification systems to support the requests and directives resulting from a Governor declared State of Emergency and/or request for a federal emergency and/or disaster declaration;
  - Generate in a timely manner, information to be included in the SEOC briefings, situation reports, and/or action plans;
  - Assign and schedule sufficient personnel to cover an activation of the SEOC for an extended period of time;
  - Maintain appropriate records of work schedules and costs incurred by ESF #3 agencies during an event; and
  - Evaluate the probability and time period of a recovery phase for the event. If a recovery phase is probable, start preplanning for recovery actions.
- **Recovery**
  - Evaluate and task the public works and engineering support requests for impacted areas;
  - Generate in a timely manner, information to be included in the SEOC briefings, situation reports, and/or action plans;
  - Plan and prepare the notification systems to support the establishment of staging areas, distribution sites, a Joint Field Office (JFO), Recovery Centers, Joint Information Centers (JIC) , other local, state, and federal recovery facilities and emergency workers in the impacted area;
  - Plan and prepare for the arrival and coordination with the FEMA ESF # 3 personnel;
  - Assign and schedule sufficient personnel to cover an activation of the SEOC for an extended period of time;
  - Maintain appropriate records of work schedules and costs incurred by ESF #3 agencies during an event; and
  - Seek information concerning the projected date the SEOC will deactivate.
- **Prevention**
  - This ESF provides feedback to Kansas Mitigation Team and supporting state agencies and voluntary organizations concerning activities and issues that need to be addressed. KDEM is the primary agency responsible for the State implementation plan for communications services;
  - Generate in a timely manner, information to be included in the SEOC, situation reports, and/or action plans.

## **Direction and Control**

- Activities will be coordinated through the SEOC that will serve as the source of all direction and control;
- The Adjutant General (TAG) or Administrator of KDEM provides direction and control for ESF #3 to include mission assignments, mutual aid, KERT, contracts for goods and services, radiological emergencies, and recovery and mitigation activities;
- ESF #3 falls within the Infrastructure Branch Chief's arena;
- Agencies of ESF #3 may serve the KERT in Field Operations (i.e., the Kansas Assessment Team, Joint Field Office (JFO) operations, Disaster Recovery Center operations, intrastate and/or interstate mutual aid assistance, etc.);
- When a request for assistance is received by ESF #3 it is assigned to the agency or agencies that have the most appropriate resources and expertise to accomplish the task; and
- KDEM will assist in the coordination of federal response efforts under the provisions of a Presidential Disaster Declaration.

## **Responsibilities**

KDEM is designated as the coordinator for ESF #3. As ESF coordinator, KDEM coordinates meetings, plans, exercises, training, and other activities with the private sector and the ESF #3 support agencies.

### **Kansas Department of Transportation**

- Provide available and obtainable public works and engineering resource support for the ESF #3 missions to include public works and engineering equipment, personnel, and facilities.

### **The Adjutant General's Department**

#### ***Kansas Division of Emergency Management***

- Coordinate the acquisition of public works and engineering resources of intrastate/interstate mutual-aid and compact agreements and requests to the FEMA;
- Obtain initial and updated damage reports for utility infrastructure, emergency repair/restoration plans from the appropriate group; and
- Provide public works and engineering technical and specialty support and coordination through the KERT.

#### ***Kansas National Guard***

- Provide all available and obtainable public works and engineering resource support for ESF #3 mission; and
- Provide public works and engineering technical and specialty support.

### **Kansas Corporation Commission**

- Provide a liaison for the Kansas public and private electric, natural gas, water/sewage within KDHE, and communications industry and utility groups; and
- Obtain initial and updated reports of utility groups activation of intrastate and interstate mutual aid agreements.

### **Kansas Department of Health and Environment**

#### ***Division of Environment***

- Provide all (available and obtainable) public works and engineering resource support for the ESF #3 mission to include: emergency survey, surveillance, sampling, testing, and monitoring of hazardous materials, hazardous waste generation, distribution, collection, storage, and disposal sites, public works and engineering personnel and crews, water and sewage pumping, treatment, distribution, and collection systems, in coordination with the Kansas Department of Labor (KDOL), to ensure the public health, safety, and integrity of such systems;
- Provide radiological contaminated debris management activities by coordinating and/or providing resources, assessments, data, expertise, technical assistance, monitoring, and other appropriate support;
- Provide hazardous waste, water and environmental remediation coordination and/or; and
- Provide resources, assessments, data, technical assistance and other appropriate support as required.

### **Kansas Department of Labor**

- Conduct emergency survey, surveillance, sampling, testing, and monitoring of the public works and engineering personnel and crews, in coordination with Kansas Department of Health and Environment (KDHE) to ensure the safety and health of such persons; and
- Provide acquisition and administration of Job Training Partnership Act reserve funds for the employment of people in/from the impacted area for public works and engineering work, especially debris clearance and other such non-skilled and semi-skilled activities.

### **Kansas Department of Agriculture**

- Provide assistance to local government on water structure safety and engineering.